

Appendix M

Haile Gold Mine EIS

Supporting Information and Analysis for Cultural Resources

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M. SUPPORTING INFORMATION AND ANALYSIS FOR CULTURAL RESOURCES

M.1 Recorded Cultural Resources in the Study Area

Appendix M1 provides the following supporting information regarding Cultural Resources:

- Table M1-1, “Archaeological Sites Recorded within the Cultural Resources Study Area”
- Table M1-2, “Historic Structures Recorded within the Cultural Resources Study Area”
- Table M1-3, “Cemeteries Recorded within the Cultural Resources Study Area”

Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38KE0085	Middle Archaic – Late Woodland	None	Unevaluated	Unevaluated
38KE0206	Woodland artifact scatter	Not eligible	Not eligible	Concur
38KE0207	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38KE1158	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0037	Rock shelter	None	Not eligible	Concur
38LA0038	Prehistoric lithic scatter; 19th – 20th century house site	Not eligible	Not eligible	Pending
38LA0155	Early Archaic – Late Woodland scatter	None	Not eligible	Concur
38LA0188	Late Archaic scatter	None	Not eligible	Concur
38LA0288	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0289	Late 19th – early 20th century house site	Not eligible	Not eligible	Concur
38LA0290	Late 19th – early 20th century house site	Not eligible	Not eligible	Concur
38LA0291	Early Archaic – Middle Woodland scatter	Eligible	Eligible	Concur
38LA0292	Middle Archaic scatter; late 19th – early 20th century house site	Not eligible	Not eligible	Concur
38LA0293	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0294	Prehistoric lithic scatter; historic scatter	Not eligible	Not eligible	Concur
38LA0295	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0296	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0297	Late Archaic scatter	Not eligible	Not eligible	Concur
38LA0298	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0299	Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated
38LA0300	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0301	Early Archaic – Middle Woodland scatter	Not eligible	Not eligible	Concur
38LA0302	Late Archaic scatter	Not eligible	Not eligible	Concur
38LA0303	Woodland scatter; late 19th – early 20th century house site	Not eligible	Not eligible	Concur
38LA0304	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0305	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0306	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0307	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0308	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0309	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0310	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0311	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0312	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0313	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0314	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0315	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0316	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0317	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0319	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0320	Late 19th – early 20th century house site	Not eligible	Not eligible	Concur
38LA0321	20th century house site	Not eligible	Not eligible	Concur
38LA0322	Early Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0323	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0324	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0325	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0326	Prehistoric lithic scatter; Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0327	Woodland artifact scatter; 20th century trash dump	Not eligible	Not eligible	Concur
38LA0328	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0329	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0330	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0331	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0332	Middle Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0333	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0334	Middle Archaic – Late Woodland scatter; late 19th – early 20th century scatter	Eligible	Eligible	Concur
38LA0335	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0336	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0337	Prehistoric lithic isolated find; late 19th – early 20th century artifact scatter	Not eligible	Not eligible	Concur
38LA0338	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0339	Woodland ceramic scatter	Not eligible	Not eligible	Concur
38LA0340	Middle Archaic – Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0341	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0342	Prehistoric lithic scatter; historic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0343	19th – 20th century trash dump	Not eligible	Not eligible	Concur
38LA0344	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0345	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0346	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0347	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0348	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0349	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0350	Prehistoric lithic scatter; historic trash dump	Not eligible	Not eligible	Concur
38LA0351	Prehistoric lithic scatter; quartz quarry	Not eligible	Not eligible	Concur
38LA0352	Paleoindian scatter; Woodland artifact scatter; late 19th – early 20th century scatter	Unevaluated	Unevaluated	Unevaluated
38LA0353	Prehistoric lithic scatter; historic scatter	Not eligible	Not eligible	Concur
38LA0354	Middle Archaic lithic scatter	Not eligible	Not eligible	Concur
38LA0355	Middle – Late Archaic scatter	Eligible	Eligible	Concur
38LA0356	Middle Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0357	Prehistoric lithic isolated find; 19th – 20th century house site; early 20th century church (standing structure)	Not eligible	Not eligible	Concur
38LA0358	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0359	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0360	Prehistoric lithic scatter; 19th – 20th century house site	Not eligible	Not eligible	Concur
38LA0361	Early Archaic–Middle Woodland scatter	Eligible	Eligible	Concur
38LA0362	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0363	Prehistoric lithic scatter; quartz quarry	Not eligible	Not eligible	Concur
38LA0364	19th – 20th century house site	Not eligible	Not eligible	Concur
38LA0365	Prehistoric lithic scatter; historic scatter	Not eligible	Not eligible	Concur
38LA0366	Historic dam	Not eligible	Not eligible	Concur
38LA0367	Prehistoric lithic scatter; quartz quarry	Not eligible	Not eligible	Concur
38LA0368	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0369	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0370	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0371	Early – Middle Archaic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0372	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0373	Middle – Late Archaic camp	Not eligible	Not eligible	Concur
38LA0374	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0375	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0376	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0377	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0378	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0379	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0380	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0381	Woodland; historic	Unevaluated	Unevaluated	Unevaluated
38LA0383	19th century stamp mill	Eligible	Eligible	Concur
38LA0384	Middle Archaic, 19th century artifact scatter	Unevaluated	Unevaluated	Unevaluated
38LA0385	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0386	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0387	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0388	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0389	Historic scatter	Not eligible	Not eligible	Concur
38LA0390	Late Archaic lithic scatter; Late Woodland lithic scatter	Not eligible	Not eligible	Concur
38LA0392	Prehistoric lithic isolated find; historic scatter	Not eligible	Not eligible	Concur
38LA0393	Historic scatter	Not eligible	Not eligible	Concur
38LA0394	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0432	Unknown prehistoric	None	Unevaluated	Unevaluated
38LA0433	Unknown prehistoric	None	Unevaluated	Unevaluated
38LA0581	Prehistoric lithic scatter	None	Unevaluated	Unevaluated
38LA0582	Prehistoric lithic scatter	None	Unevaluated	Unevaluated
38LA0583	Early Archaic scatter; lithic scatter; historic scatter	None	Unevaluated	Unevaluated
38LA0587	Early to mid-20th century house site	Not eligible	Not eligible	Concur
38LA0588	20th century house complex	Not eligible	Not eligible	Pending
38LA0589	Middle – Late Archaic scatter	Not eligible	Not eligible	Concur
38LA0590	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0591	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0592	20th century peach packinghouse site	Not eligible	Not eligible	Concur
38LA0593	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0594	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0595	Early – Middle Woodland scatter	Not eligible	Not eligible	Concur
38LA0596	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0597	Woodland artifact scatter; early – late 20th century scatter	Not eligible	Not eligible	Concur
38LA0598	Early – late 20th century house site	Not eligible	Not eligible	Concur
38LA0599	Late Archaic lithic scatter	Not eligible	Not eligible	Concur
38LA0600	Middle Archaic scatter; Middle – Late Woodland scatter	Not eligible	Not eligible	Concur
38LA0601	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0602	Early – Middle Woodland scatter; lithic scatter	Not eligible	Not eligible	Concur
38LA0603	Middle Woodland camp	Not eligible	Not eligible	Concur
38LA0604	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0605	Middle Archaic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0606	Prehistoric lithic scatter; 20th century house site	Not eligible	Not eligible	Concur
38LA0607	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0608	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0609	Early – late 20th century house site	Not eligible	Not eligible	Concur
38LA0610	Prehistoric lithic scatter; late 19th to mid-20th century house site	Not eligible	Not eligible	Concur
38LA0611	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0612	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0613	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0614	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0615	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0616	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0617	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0618	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0619	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0620	Late Archaic camp site	Not eligible	Not eligible	Concur
38LA0621	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0622	Middle – Late Woodland artifact scatter-quarry/late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0623	Late Archaic lithic scatter	Not eligible	Not eligible	Concur
38LA0624	Prehistoric lithic and ceramic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0625	Prehistoric lithic quarry/scatter	Unevaluated	Unevaluated	Unevaluated
38LA0626	20th century house site	Not eligible	Not eligible	Concur
38LA0627	Prehistoric lithic quarry/scatter	Unevaluated	Unevaluated	Unevaluated
38LA0628	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0629	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0630	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0631	Woodland lithic scatter	Not eligible	Not eligible	Concur
38LA0632	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0633	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0634	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0635	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0636	Woodland and possibly Archaic scatter; late 19th – early 20th century house site	Unevaluated	Unevaluated	Unevaluated
38LA0637	Middle Archaic and Woodland campsite	Unevaluated	Unevaluated	Unevaluated
38LA0638	Prehistoric lithic scatter; Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated
38LA0639	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0640	Indeterminate and Woodland lithic scatters; late 19th – 20th century house sites	Eligible	Eligible	Concur
38LA0641	Middle – Late Woodland artifact scatter/late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0642	Prehistoric lithic scatter; late 19th – early 20th century structure remains and scatter	Unevaluated	Unevaluated	Unevaluated
38LA0643	Early Archaic scatter; Late Woodland artifact scatter; late 19th – early 20th century artifact scatter	Not eligible	Not eligible	Concur
38LA0644	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0645	Mid- to late 20th century house site	Not eligible	Not eligible	Concur
38LA0646	Late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0647	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0648	Prehistoric lithic scatter; late 19th – early 20th century isolated find	Not eligible	Not eligible	Concur
38LA0649	Middle Archaic camp site	Not eligible	Not eligible	Concur
38LA0650	Prehistoric lithic isolated find; late 19th – late 20th century farm complex	Not eligible	Not eligible	Concur
38LA0651	Prehistoric lithic scatter; historic isolated find	Not eligible	Not eligible	Concur
38LA0652	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0653	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0654	Late Archaic and Woodland scatters; mid-19th century slave/freedman cabin site	Eligible	Eligible	Concur
38LA0655	Historic artifact scatter	Not eligible	Not eligible	Concur
38LA0656	Prehistoric lithic scatter; 20th century scatter	Not eligible	Not eligible	Concur
38LA0657	Woodland artifact scatter; 20th century scatter	Not eligible	Not eligible	Concur
38LA0658	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0659	Prehistoric lithic scatter; Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0660	Early Archaic scatter; Early – Middle Woodland campsite	Unevaluated	Unevaluated	Unevaluated
38LA0661	Prehistoric lithic scatter; early 20th century scatter	Not eligible	Not eligible	Concur
38LA0662	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0663	Middle – Late Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0664	Late Paleoindian/Early Archaic scatter; Woodland scatter; 20th century scatter	Unevaluated	Unevaluated	Unevaluated
38LA0665	Prehistoric lithic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0666	Late Woodland–Protohistoric artifact scatter/late 19th – 20th century scatter	Unevaluated	Unevaluated	Unevaluated
38LA0667	Prehistoric lithic scatter; late 19th – early 20th century isolated find	Not eligible	Not eligible	Concur
38LA0668	Late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0669	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0670	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0671	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0672	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0673	Archaic–Woodland campsite; late 19th – early 20th century scatter and structure remains	Unevaluated	Unevaluated	Unevaluated
38LA0674	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0675	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0676	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0677	Prehistoric lithic scatter; 20th century scatter; mid-20th century standing structure	Not eligible	Not eligible	Concur
38LA0678	Prehistoric lithic scatter; mid-20th century house complex	Not eligible	Not eligible	Concur
38LA0679	Middle Archaic and Late Woodland scatter; late 19th – early 20th century house sites	Unevaluated	Unevaluated	Unevaluated
38LA0680	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0681	Archaic scatter; Woodland camp site	Not eligible	Not eligible	Concur
38LA0682	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0683	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0684	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0685	Prehistoric lithic scatter; late 19th – early 20th century house site/scatter	Not eligible	Not eligible	Concur
38LA0686	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0687	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0688	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0689	Prehistoric lithic scatter; 20th century scatter	Not eligible	Not eligible	Concur
38LA0690	Prehistoric lithic scatter; early to mid-20th century farmstead	Unevaluated	Unevaluated	Unevaluated
38LA0691	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0692	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0693	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0694	Prehistoric lithic scatter; late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0695	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0696	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0697	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0698	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0699	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0700	Late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0701	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0702	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0703	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0704	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0705	Prehistoric lithic scatter; early to mid-20th century house site	Not eligible	Not eligible	Concur
38LA0706	Prehistoric lithic quarry/scatter	Unevaluated	Unevaluated	Unevaluated
38LA0707	Prehistoric lithic scatter; mid-20th century house site	Not eligible	Not eligible	Concur
38LA0708	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0709	Prehistoric isolated find; mid-20th century house site	Not eligible	Not eligible	Concur
38LA0710	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0711	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0712	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0713	Prehistoric lithic scatter; historic artifact scatter	Not eligible	Not eligible	Concur
38LA0714	Woodland artifact scatter; mid-20th century scatter	Not eligible	Not eligible	Concur
38LA0715	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0716	Prehistoric lithic scatter; historic isolated find	Unevaluated	Unevaluated	Unevaluated
38LA0717	Historic road and bridge crossing	Not eligible	Not eligible	Concur
38LA0718	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0719	Middle Archaic scatter; early to mid-20th century scatter	Not eligible	Not eligible	Concur
38LA0720	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0721	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0722	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0723	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0724	Prehistoric isolated find; late 19th – early 20th century scatter	Not eligible	Not eligible	Concur
38LA0725	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0726	Woodland scatter; historic isolated find	Unevaluated	Unevaluated	Unevaluated
38LA0727	Middle Archaic scatter; possibly Woodland or Protohistoric scatter	Eligible	Eligible	Concur
38LA0728	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0729	Woodland artifact scatter	Not eligible	Not eligible	Concur
38LA0730	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0731	Mid-20th century house site (standing structure)	Not eligible	Not eligible	Concur
38LA0732	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0733	Early to mid-20th century scatter	Not eligible	Not eligible	Concur
38LA0734	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0735	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0736	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0737	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0738	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0739	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0740	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0741	Prehistoric lithic scatter	Not eligible	Not eligible	Concur

**Table M1-1 Archaeological Sites Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
38LA0742	Early – Middle Woodland artifact scatter	Unevaluated	Not eligible	Concur
38LA0743	Prehistoric lithic scatter	Unevaluated	Not eligible	Concur
38LA0744	Prehistoric lithic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0745	Prehistoric lithic scatter	Unevaluated	Unevaluated	Unevaluated
38LA0746	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0747	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0748	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0752	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0753	Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated
38LA0754	Prehistoric lithic scatter; late 19th to mid-20th century scatter	Not eligible	Not eligible	Concur
38LA0755	Early – Middle Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated
38LA0756	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0757	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0758	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0759	Prehistoric lithic scatter	Not eligible	Not eligible	Concur
38LA0760	Woodland artifact scatter	Unevaluated	Unevaluated	Unevaluated

NRHP = National Register of Historic Places

SHPO = State Historic Preservation Officer

USACE = U.S. Army Corps of Engineers

^a *Pending* indicates that no response has been received from the SHPO. *Unevaluated* indicates that the site or structure still needs additional work to complete an assessment.

Sources: Records on file at South Carolina Department of Archives and History, South Carolina Institute of Archaeology and Anthropology, and Haile Gold Mine, Inc.

Table M1-2 Historic Resources Recorded within the Cultural Resources Study Area

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
0735	c. 1900 structure	None	Not eligible	Concur
0736	c. 1910 structure	None	Not eligible	Concur
0941	c. 1910 structure	None	Pending	Concur
0942	1889 residence (Clyburn House)	None	Pending	Concur
0943	c. 1915 structure	None	Pending	Concur
0944	c. 1900 structure	None	Pending	Concur
0945	c. 1920 structure	None	Pending	Concur
0946	c. 1820 gold mine (Haile Gold Mine)	Eligible	Eligible	Eligible
0948	Historic structure	Not eligible	Not eligible	Concur
0949	Historic structure	Not eligible	Not eligible	Concur
0950	c. 1930 structure	None	Pending	Concur
0952	c. 1915 farm complex (Blackwell Farm)	Not eligible	Not eligible	Concur
0965	c. 1860 residence (Clyburn House)	None	Pending	Concur
1081	1955 bridge	None	Pending	Concur
38LA357	Early 20th century church (Gethsemane Church)	Not eligible	Not eligible	Concur
U/57/0951	Late 19th – early 20th century residence (Clyburn-Ern Mungo House)	Not eligible	Not eligible	Concur
U/57/0959	c. 1915 residence, farm complex (S.B. Faile House)	Not eligible	Not eligible	Concur
U/57/0960	c. 1850 house complex (Old Clyburn-Joe Mungo House)	Not eligible	Not eligible	Pending
U/57/1100	1930s residence	Unevaluated	Not eligible	Concur
U/265-0953	c. 1915 residence and outbuildings	Not eligible	Not eligible	Concur
U/265-0964	Historic residence	Not eligible	Not eligible	Concur
U/265-1101	1959 residence	Not eligible	Not eligible	Concur
U/265-1102	1933 residence	Not eligible	Not eligible	Concur
U/265-1103	Early 20th century school, Haile Gold Mine School	Eligible	Eligible	Concur
U/265-1103.01	Haile Gold Mine School shed	Not eligible	Not eligible	Concur
U/265-1104	1950 residence	Not eligible	Not eligible	Concur
U/265-1105	c. 1961 residence	Not eligible	Not eligible	Concur
U/265-1106	Historic residence and outbuildings	Not eligible	Not eligible	Concur
U/265-1107	c. 1915 residence	Not eligible	Not eligible	Concur
U/265-1108	c. 1955 residence	Not eligible	Not eligible	Concur

**Table M1-2 Historic Resources Recorded within the Cultural Resources Study Area
(Continued)**

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
U/265-1109	c. 1960 residence	Not eligible	Not eligible	Concur
U/265-1110	c. 1945 residence	Not eligible	Not eligible	Concur
U/265-1111	1958 store	Not eligible	Not eligible	Concur
U/265-1112	c. 1940 wind pump structure	Not eligible	Not eligible	Concur
U/265-1113	1955 residence	Not eligible	Not eligible	Concur
U/265-1114	Historic residence	Not eligible	Not eligible	Concur
U/265-1115	c. 1955 residence	Not eligible	Not eligible	Concur
U/265-1116	1958 residence and outbuildings	Not eligible	Not eligible	Concur
U/265-1118.0	1941 residence	Not eligible	Not eligible	Concur
U/265-1118.1	1941 outbuilding	Not eligible	Not eligible	Concur
U/265-1119	Late 1950s/1970 residence and outbuildings	Not eligible	Not eligible	Concur
U/265-1120	1920 residence and outbuildings	Not eligible	Not eligible	Concur
U/265-1121	1960 residence and outbuilding	Not eligible	Not eligible	Concur

NRHP = National Register of Historic Places

SHPO = State Historic Preservation Officer

USACE = U.S. Army Corps of Engineers

^a *Pending* indicates that no response has been received from the SHPO. *Unevaluated* indicates that the site or structure still needs additional work to complete an assessment.

Sources: Records on file at South Carolina Department of Archives and History, South Carolina Institute of Archaeology and Anthropology, and Haile Gold Mine, Inc.

Table M1-3 Cemeteries Recorded within the Cultural Resources Study Area

Site Number	Description	NRHP Eligibility Recommendation from Applicant ^a	NRHP Eligibility Determination by USACE ^a	SHPO Concurrence with USACE Findings ^a
0961	Sand Hill Baptist Church Cemetery	Unevaluated	Not eligible	Concur
38LA318	Leach Cemetery	Not eligible	Not eligible	Concur
38LA761	Historic cemetery	Not eligible	Not eligible	Concur

NRHP = National Register of Historic Places

SHPO = State Historic Preservation Officer

USACE = U.S. Army Corps of Engineers

^a *Pending* indicates that no response has been received from the SHPO. *Unevaluated* indicates that the site or structure still needs additional work to complete an assessment.

Sources: Records on file at South Carolina Department of Archives and History, South Carolina Institute of Archaeology and Anthropology, and Haile Gold Mine, Inc.

M.2 Cultural Resources Management Plan

The U.S. Army Corps of Engineers Charleston District (USACE) is the lead federal agency for preparation of the EIS for the Haile Gold Mine Project. Haile Gold Mine, Inc. (Applicant), a subsidiary of Romarco Minerals, Inc. has applied for a Department of the Army (DA) permit from the USACE to allow discharge of dredged or fill material into waters of the United States pursuant to Section 404 of the Clean Water Act (CWA) during the mining process. The Project involves a federal action because the fill activities associated with gold mining in wetlands and other waters of the United States (Waters of the U.S.) require authorization through a DA permit under Section 404 of the CWA (33 U.S. Code [USC] 1344). Under Section 404, the USACE was delegated authority to issue permits for discharges of dredged or fill material into Waters of the U.S. The USACE serves as the lead agency and has set forth implementing regulations in Title 33 Code of Federal Regulations (CFR) Parts 320–332. The USACE has the responsibility for complying with 33 CFR Part 325 (Procedures for the Protection of Historic Properties), with advisory assistance from the South Carolina State Historic Preservation Office in meeting its obligations under Section 106 of the National Historic Preservation Act.

The USACE recommended preparation of a Cultural Resources Management Plan (CRMP) for the Project to ensure preservation or other appropriate treatment of historic properties within the Cultural Resources Study Area. The CRMP will be included as Attachment A to the Memorandum of Agreement (MOA) for the Project. The CRMP outlines the following:

- Cultural context of Haile Gold Mine;
- Previous investigations conducted at Haile Gold Mine;
- Procedures to minimize damage to historic properties; and
- Procedures for the ongoing identification and evaluation of historic properties;

Since the Draft EIS, the CRMP has been revised and is currently under review by the 33CFR 325 Appendix C Consulting Parties. The CRMP will be finalized prior to the ROD.

M.3 Memorandum of Agreement

The draft MOA and draft Attachment B have been reviewed by 33 CFR 325 Appendix C Consulting Parties. The draft MOA and attachments B (Unanticipated Discovery Plan), C (Cultural Resources Study Area Map) and D (List of Tribes and Agencies Invited) are provided herein. The MOA will be executed prior to the ROD for the Project.

DRAFT FINAL MEMORANDUM OF AGREEMENT
among
U.S. ARMY CORPS OF ENGINEERS,
SOUTH CAROLINA
STATE HISTORIC PRESERVATION OFFICER,
CATAWBA INDIAN NATION,
ADVISORY COUNCIL ON HISTORIC PRESERVATION,
and
HAILE GOLD MINE, INC.
regarding
HAILE GOLD MINE

WHEREAS, Haile Gold Mine, Inc. (Haile) submitted an application on December 8, 2010 to the Charleston District U.S. Army Corps of Engineers (USACE) for a Department of the Army (DA) permit under Section 404 of the Clean Water Act (CWA) and a revised DA Permit Application on August 16, 2012 for the reactivation of the existing Haile Gold Mine (Mine) near the city of Kershaw, South Carolina; and

WHEREAS, the USACE issued a Public Notice describing the project and complete permit application on January 28, 2011; and

WHEREAS, as part of their responsibilities related to the federal permit under their jurisdiction, the USACE is the lead federal agency under 33 CFR Part 325 Appendix C and Section 106 of the National Historic Preservation Act (NHPA) of 1966; and

WHEREAS, the USACE has determined that the Project approvals constitute an “Undertaking” as defined at 36 CFR § 800.16(y), which consists of the operation of the Haile Gold Mine on 4,552 acres in Lancaster County (“Project area”), involving the reactivation of the existing Haile Gold Mine, expansion of the area for open-pit mining, and construction of associated facilities for development of gold resources (hereafter referred to as Project); and

WHEREAS, the USACE is required to take into account the effects, if any, of proposed undertaking on historic properties within the permit area pursuant to 33 CFR 325 Appendix C and Section 106 of the NHPA; and

WHEREAS, the USACE has defined the Cultural Resources Study Area (CRSA), which includes all historic properties within the Project area per 33 CFR §325 Appendix C.1.g. and is equivalent to the Area of Potential Effect as defined in 36 CFR §800.16(d) as the “geographic area or areas within which an undertaking may directly or indirectly cause alterations in the

character or use of historic properties, if any such properties exist,” in addition to the ancillary transmission line corridors, and surrounding acreage; and

WHEREAS, the CRSA boundary takes into consideration proposed Project activities that may directly or indirectly affect historic properties, whereby the evaluation for direct effects was limited to the Project area and the evaluation for indirect effects ranges from 0 to 4,115 feet from the Project area boundaries, as based on cartographic and on-site analysis of viewshed(s), vegetation patterns, topography, existing intrusions, existing mining features, the nature of the Project activities that may cause indirect effects, and a fifty-(50) foot visual setback area between the mine excavation and contiguous property line where Mine operations will be minimized; and

WHEREAS, the USACE has determined that the operation and maintenance of the Project components may have an adverse effect on properties listed in or eligible for listing in the National Register of Historic Places (NRHP); and

WHEREAS, the USACE has invited seventeen (17) Indian tribes and four (4) agencies to participate in consultation, of which, the South Carolina State Historic Preservation Officer (SHPO), the U.S. Environmental Protection Agency (USEPA), Catawba Indian Nation, and Thlopthlocco Tribal Town have agreed to be consulting parties under Section 106 of the NHPA as implemented in 33 CFR 325 Appendix C; and

WHEREAS, the USACE has entered into consultation with the SHPO to discuss the management of cultural resources as it relates to this Project and compliance with Section 106 of the NHPA as implemented in 33 CFR Part 325 Appendix C; and

WHEREAS, pursuant to Section 106 of the NHPA, the SHPO participates in the review of all federal undertakings that have the potential to effect historic and archeological resources listed in, or eligible for listing in, the NRHP; and

WHEREAS, the USACE has invited the SHPO to be a Signatory to this Memorandum of Agreement (MOA); and

WHEREAS, the USACE has invited the ACHP to be an Invited Signatory to this MOA; and

WHEREAS, the USACE has invited the Catawba Indian Nation to be a Concurring Party to this MOA; and

WHEREAS, Haile will acquire and convey legal ownership to the South Carolina Department of Natural Resources (SCDNR) three land tracts for off-site compensatory mitigation for impacts associated with the reactivation and operation of the Haile Gold Mine; and

WHEREAS, the SCDNR will become the manager of the preservation sites funded by an endowment provided by Haile and will enter into a separate MOA with the SHPO and the USACE under Section 106 of the NHPA; and

WHEREAS, to ensure compliance with Section 106 of the NHPA as implemented in 33 CFR Part 325 Appendix C, the USACE, SHPO, ACHP, Catawba Indian Nation, and Haile have

cooperated to develop this MOA that will define the procedures that will be implemented to manage cultural resources that could potentially be affected by the Project; and

WHEREAS, the Draft MOA has been circulated for public comment as an attachment to the Final Environmental Impact Statement for the Project, and the USACE and Consulting Parties to this MOA have taken into consideration applicable public comments received for the preparation of this Final MOA; and

NOW, THEREFORE, the USACE, SHPO, and Haile shall ensure that the following stipulations will be implemented in a reasonably timely manner and with adequate resources for the purpose of compliance with 33 CFR Part 325 Appendix C and Section 106 of the NHPA.

STIPULATIONS

The USACE, SHPO, and Haile, as appropriate, will carry out the following stipulations.

I. INTRODUCTION AND BACKGROUND INFORMATION

Haile intends to reactivate the existing Mine and expand the area for open-pit mining and to construct associated facilities for development of gold resources (Project). The purpose of the reactivation of the Mine is to extract and process gold for sale from the mineralized gold-bearing zones within the Project boundary. Haile submitted a DA permit application and a revised DA permit application to the USACE as the Project will result in discharges of fill material to the Waters of the United States within the Project boundary.

As the lead federal agency, the USACE is preparing an Environmental Impact Statement (EIS) to fulfill its obligations under 33 CFR Part 325 Appendix B and the National Environmental Policy Act (NEPA) of 1969 to analyze and fully disclose the potential environmental impacts resulting from granting or approving a DA permit. Pursuant to Section 106 of the NHPA and 33 CFR Part 325 Appendix C, the effects of any federal undertaking on historic properties must be considered prior to the beginning of any construction. As part of their responsibilities related to the federal permits under their jurisdiction (in this case, DA permit) the USACE has entered into consultation with the SHPO and the Catawba Indian Nation to discuss the evaluation and management of historic properties related to this Project and compliance with Section 106 of the NHPA and 33 CFR Part 325 Appendix C.

Attachment A (Cultural Resources Management Plan [CRMP]) and Attachment B (Unanticipated Discovery Plan) to this MOA contain procedures that Haile will implement and follow to manage historic properties when reactivating the Mine and operating the Project in accordance with any permit issued by the USACE. Associated actions with the reactivation of the Mine and operation of the Project include pit development, ore mining, pipeline construction, road closures and construction, construction of overburden storage areas and growth media storage areas, ore processing, tailings storage facility construction, surface water management, groundwater management, and site reclamation. Attachment A also contains a summary of historic property identification efforts and a list of all surveys conducted within the Project

boundary to date. Attachment C contains a map of the CRSA and Project boundary. Attachment D contains a list of the Indian tribes and agencies invited to consult under 33 CFR 325 Appendix C.

II. AGREEMENT SCOPE

The scope of this MOA applies to the reactivation of the Mine and operation of the Project. Haile, with the assistance of a consultant that meets the Secretary of the Interior's Professional Qualifications in Archeology, History, or Architectural History, as deemed appropriate, will conduct the cultural resources management practices outlined in this MOA. It addresses how Haile will evaluate, protect, or mitigate for historic properties within the Project that will be adversely affected by the actions associated with reactivation of the Mine and operation of the Project. Potential adverse effect could result from such actions as: new construction, the transfer of the compensatory mitigation properties, forest land management, reclamation, and site maintenance. Eight major components comprise the Project, which are listed below:

Open Pits and Associated Haul Roads

The Project will consist of eight (8) open pits and associated haul roads, for a total combined estimated area of 766 acres. The pits include Mill Zone, Snake, Haile, Red Hill, Ledbetter, Chase, Champion, and Small.

Growth Media Storage Areas and Overburden Storage Areas

The Project will contain four (4) growth media storage areas and seven (7) overburden storage areas, for a total combined estimated area of 933 acres.

Mill and Associated Ancillary Facilities

A mill for processing and refining the ore will be built and will contain water treatment facilities, materials storage, administration, truck shop, warehouse, and additional ancillary facilities. The mill site will cover approximately 184 acres.

Tailings Storage Facility, Slurry Pipeline, and Access Road

One tailings storage facility (TSF) for permanent storage of tailings, a slurry pipeline to transport the tailings from the mill to the TSF, and an access road will also be built, which will cover approximately 524 acres.

Material Borrow Sites

The Project will contain two material borrow sites that will provide a portion of the construction material for building the TSF. Combined, the borrow sites and associated haul roads will cover approximately 187 acres.

Temporary Diversion of the North Fork of Haile Gold Mine Creek and Portions of Haile Gold Mine Creek

Mining operations will temporarily divert the North Fork of the Haile Gold Mine Creek and portions of the Haile Gold Mine Creek into pipes. A temporary detention structure for the Haile Gold Mine Creek will be built and will cover approximately 13 acres.

Access Road to Project Area and Two U.S. Highway 601 Overpasses

An access road to the Project area and two overpasses of U.S. Highway 601 for access from the Mill to the TSF and access to Champion Pit will be constructed, which will cover approximately 5 acres.

Off-Site Compensatory Mitigation Properties

Haile will acquire and convey legal ownership of three properties to SCDNR as compensatory mitigation for impacts to waters of the U.S. The properties include Rainbow Ranch (Lancaster County) and Cooks Mountain and Goodwill Plantation (Richland County) and together comprise 4,559 acres. Haile will also provide SCDNR an endowment to manage the compensatory mitigation properties, which will be included under a separate MOA between SCDNR, USACE, and SHPO.

III. MANAGEMENT ACTIVITIES PRIOR TO GROUND DISTURBING ACTIVITIES WITHIN CULTURAL RESOURCE SITE BOUNDARIES

Cultural resources inventories have previously been conducted within the Project boundary during the preparation of the EIS (see Attachment A). Those cultural resources that have not yet been evaluated for listing in the National Register of Historic Places (NRHP) will be evaluated as set forth below prior to the commencement of ground disturbing activities within the sites boundary(ies) identified for the unevaluated resources. The evaluation of eight (8) cultural resources associated with the Mine will be conducted according to the general methodology described below. The Phase II testing plan has been approved by the USACE and SHPO for the eight (8) sites including 38LA0624, 38LA0625, 38LA0627, 38LA0636, 38LA0637, 38LA0638, 38LA0642, and 38LA0666.

- 1) Each evaluation will include the preparation of a study plan for submittal to and approval by the USACE in consultation with the SHPO.
- 2) The study plan will outline the necessary steps to evaluate the cultural resource with a combination of methods that may include but are not limited to surface survey, shovel probes, test units, ground-penetrating radar (GPR), and Light Detection and Ranging (LiDAR).
- 3) All evaluations will include laboratory analysis of any artifacts found. The analysis will include the cleaning and identification of all recovered artifacts to determine the age, function, and cultural affiliation of any archeological sites identified. Analyses will be appropriate for aiding in recommending NRHP-eligibility.
- 4) Documentation will include, at a minimum, one draft and one final report for each resource (or multiple resources within a single report) prepared by Haile (or Haile's consultant). The report will include mitigation recommendations for any cultural resources that are recommended eligible for the NRHP.
 - i. The USACE will review the draft report and will make Determinations of Eligibility and Project Effects based on the information provided.

- ii. Following review by the USACE, the report status will be changed from “draft” to “final” and will be coordinated to the SHPO with a request for concurrence with determinations.
 - iii. No ground-disturbing activity shall occur within the cultural resources (or loci) site boundary(ies) until the USACE has determined the site ineligible, or appropriate mitigation, as identified in Attachment A is complete.
- 5) The fieldwork, analysis, and reporting for cultural resources management practices outlined in this MOA will meet the Secretary of the Interior’s Standards and Guidelines for Archeology and Historic Preservation and the South Carolina Standards and Guidelines for Archeological Investigations (2013), which was written to assist those conducting archeological research in South Carolina to comply with Section 106 of the NHPA.

In addition, the Phase III data recovery plan for Site 38LA640 Locus 2-2 has been approved by the USACE and SHPO. Data recovery excavations will be conducted at this site to mitigate adverse effects caused by the Duckwood TSF.

IV. MANAGEMENT ACTIVITIES

ARCHEOLOGICAL SITES

Ten (10) sites remain unevaluated for listing in the NRHP including Sites 38LA371, 38LA0660, 38LA0664, 38LA0665, 38LA0673, 38LA0679, 38LA0690, 38LA0706, 38LA0716, and 38LA0726. Phase II testing will be conducted at all but one of these sites prior to any ground disturbing activities within their site boundary(ies) or significant area(s). Though Site 38LA0371 is unevaluated, Phase II testing was conducted at the portion of the site that is within the Project boundary and was recommended not eligible and the USACE has determined there will be no adverse effect to the site. No further testing is required for the portion of Site 38LA371 within the Project boundary, and no management plan is required for Site 38LA0371.

Ground disturbing activities are not currently planned at the locations of these sites. Testing plans will be developed and approved in a manner consistent with Stipulation III.1 through III.5 above only if ground disturbing activities are planned in the future within the site boundary(ies) or significant area(s).

Previous cultural resources surveys identified eight (8) archeological sites that are eligible for listing in the NRHP. The eligible sites include Sites 38LA0291, 38LA0334, 38LA0355, 38LA0361, 38LA0383, 38LA0640, 38LA0654, and 38LA727. Data recovery and other mitigation efforts have been conducted on five (5) of the NRHP-eligible sites (38LA291, 38LA334, 38LA355, 38LA361, and 38LA383). These investigations were completed under previous agreements between Haile and SHPO, the stipulations of which have been met. No further work is necessary on these five sites. Phase III data recovery will be conducted on the remaining three (3) NRHP-eligible sites including 38LA640 (Locus 2-2), 38LA654, and 38LA727. Data recovery at these three sites will be completed prior to ground-disturbing activities taking place within the site boundaries. To date, the data recovery plan for 38LA640 Locus 2-2 has been approved by the USACE and SHPO, as discussed above under Stipulation

III. Attachment A outlines the data recovery plans for the remaining two sites, 38LA654 and 38LA727, which will be developed as necessary and reviewed by the USACE and SHPO.

HISTORIC RESOURCES

Previous cultural resources identified include two (2) historic resources that are eligible for listing in the NRHP: the Haile Gold Mine School (U/265-1103) and the Haile Gold Mine (0946). A management plan for the Haile Gold Mine School (U/265-1103) is outlined in Attachment A. A mitigation plan for the Haile Gold Mine (0946) is also outlined in Attachment A.

EXISTING CEMETERIES

Two (2) cemeteries were identified during surveys of the Project area, including the Leach Cemetery (38LA0318) and an unnamed historic cemetery (38LA0761). These resources are protected by South Carolina Statutes (SC Code 16-17-600, SC Code 27-43-10 through 27-43-40, SC Code 6-1-35, and SC Code 27-43-310). A management plan for the Leach Cemetery (38LA318) is included in Attachment A.

The following guidelines will be followed for Site 38LA0761 located within the Haile Gold Mine project boundary:

- Protective barriers (50 feet width) will be flagged with highly-visible survey flagging prior to any ground-disturbing activities.
- Grave markers, depressions, or cobble stones will not be intentionally disturbed.
- Cemetery maintenance, including grass mowing, removal of invasive plants, and selective pruning of shrub and tree limbs threatening to fall on grave markers will be allowed.
- Ornamental shrubs, flowers, and groundcover that do not threaten grave markers or other cemetery features will not be intentionally disturbed.
- Mobile machinery (other than push mowers) will not be allowed within protective barriers.
- Removal of stumps will not be allowed.
- Repairs to grave markers or other soil-disturbing activities will not be allowed without prior approval from the USACE in consultation with the SHPO.
- In the event a grave is inadvertently disturbed, work activities within the site boundary will stop and the Haile Gold Mine site manager will be notified immediately. Following notification, the site manager will contact the USACE and the SHPO regarding the incident.
- Family descendants and researchers will be allowed access to the cemetery with reasonable, advance notice.

MONITORING

Annual review of any unevaluated and NRHP-eligible cultural resources that are being avoided will be conducted by Haile in efforts to evaluate resource condition. Monitoring will be conducted in the manner set forth in Attachment A.

PROCEDURES FOR UNANTICIPATED DISCOVERY

The unanticipated discovery of cultural resources, human burials, funerary objects, and objects of cultural patrimony during activities associated with the reactivation of the Mine and operation of the Project will follow the protocols set forth in Attachment B. All but 0.3% of potential ground disturbance within the Project areas have been surveyed. As such, the potential for discovery of archeological materials during construction is low.

V. CULTURAL RESOURCES MANAGEMENT PLAN

The CRMP was developed by Haile in consultation with the USACE. The USACE reviewed the revised draft CRMP and will send it to the SHPO and consulting parties for a 30-day review and comment period. The CRMP will be finalized prior to the Record-of-Decision (ROD) for the Project.

The CRMP provides a discussion of the project background and cultural context; an overview of the cultural resources located within the Haile Gold Mine; a brief history of the cultural resources investigations conducted on the property; and a discussion of the mitigation of project effects to historic properties and management actions for historic properties. The CRMP also outlines site specific management, mitigation, and monitoring plans.

VI. TRAINING AND EDUCATION

Haile will educate its personnel and/or contractors engaged in the actions of the Project included in this MOA. A Cultural Resources Manager, who meets the Secretary of the Interior Professional Qualifications Standards for archeology and/or architectural history, as appropriate, will fulfill the responsibilities of Attachment A. Personnel and/or contractors will be trained by the Cultural Resources Manager to avoid historic properties or cemeteries, unless otherwise agreed upon by the USACE and the SHPO. Training will include the basic identification of archeological resources (e.g., artifacts and features), sensitivity awareness, and in the protocols set forth in Attachment B.

Marking of any historic property or cemetery within the Project boundary will be as agreed upon in consultation with the USACE and the SHPO. The utilization of electronic mapping and GPS technology may also provide means to avoid historic properties.

Maintenance personnel responsible for cemetery maintenance will be instructed to follow the cemetery protective guidelines (SC Code 27-43-10 through 27-43-40 and SC Code 27-43-310), as well as the procedures outlined in Attachment A.

VII. EMERGENCY RESPONSE

This MOA recognizes that activities pertaining to the Project may experience emergencies. In times of emergency, the following approach shall be practiced:

1. When responding to emergencies, Haile will strive to avoid known historic properties that may be located near the emergency location; however, this MOA acknowledges that unknown cultural resources that are unevaluated for the NRHP could exist and it may not always be possible to avoid these resources during emergency response.

2. Following any emergency response, Haile will inspect the affected areas of the response site to determine if disturbance has occurred to any historic property or NRHP-unevaluated cultural resource. Inspection will occur within twenty-four (24) hours of the emergency response.
3. If historic properties or NRHP-unevaluated cultural resources have been disturbed during emergency response, Haile will notify the USACE and the SHPO within twenty-four (24) hours via telephone call or email. Consultation among the Consulting Parties, if applicable, will determine what steps may be taken to mitigate any damaged resources.
4. In the event of unanticipated discovery, Haile will follow the protocols set forth in the Attachment B.

VIII. REPORTING

Annual monitoring reports will be prepared by Haile and provided to the USACE and SHPO by February 15 of each calendar year. The USACE and SHPO will review and comment within thirty (30) days of receipt of the report. Haile will provide the final report within fifteen (15) days.

IX. CONSULTATION

This MOA shall not replace additional consultation under 33 CFR Part 325 Appendix C and the NHPA as necessary for future permits or other actions. Further consultation may be needed with the ACHP, Indian tribes, or members of the public pursuant to 33 CFR Part 325 Appendix C.

X. AMENDED CULTURAL RESOURCES STUDY AREA

Should any amendment to the CRSA, as defined in the recitals and shown in Attachment C, be necessary due to changes in Haile Gold Mine property or the inclusion of the off-site compensatory mitigation properties, the signatory parties will review the request and provide comments within thirty (30) days.

XI. DISPUTE RESOLUTION

Should any signatory party(ies) object to any plan or action proposed or taken by another party pursuant to this MOA, they shall notify the other parties of the objection promptly in writing (email correspondence from authorized persons to authorized persons can constitute written notification). Upon notification by any party of an objection to a plan or action pursuant to this MOA, Haile and the USACE will expedite a meeting with the signatories, as applicable, within fourteen (14) days from the date of the written objection.

If the SHPO disagrees with the USACE's determinations of eligibility, or if the ACHP requests so, the district engineer may request a determination of eligibility from the Keeper of the National Register (33 CFR §325 Appendix C.6.a.(3)). If the Keeper of the National Register determines that the resources are not eligible for listing in the NRHP or fails to respond in forty-five (45) days, the district engineer's determination will be final.

If there is a dispute or disagreement with the USACE's determinations of "no effect" or "no adverse effect", or if the district engineer determines that coordination with the SHPO is

unproductive, the USACE may request an opinion from the ACHP (33 CFR §325 Appendix C.7). Such requests must contain the documentation described at 33 CFR Part §325 Appendix C.9. If the USACE requests an opinion from the ACHP, it will notify and send copies of the documentation to the other consulting parties. The ACHP will have sixty (60) days to review the documentation and provide the USACE with its opinion. The USACE will take into account this opinion when making its final decision. If the ACHP does not respond within the comment period, the USACE may consider the Section 106 responsibilities to be fulfilled and the district engineer's decision will be final.

The direction of the USACE shall be final and binding on all signatories to this MOA.

XII. AMENDMENT

Any signatory party to this MOA may propose in writing to the other signatory parties that it be amended. The signatory parties will consult in an effort to reach agreement on an amendment. Any amendment will be effective on the date it is signed by all of the signatories. If an agreement cannot be reached within thirty (30) days, the parties will follow the dispute resolution protocols set forth in Stipulation XI.

Any changes to the ownership or management of the Mine will require an amendment to this MOA.

XIII. TERMINATION

If any signatory to this MOA determines that its terms will not or cannot be carried out, that party will immediately consult with the other parties to attempt to develop an amendment per Stipulation XII. If within sixty (60) calendar days an amendment cannot be reached, any signatory may terminate its participation in the MOA upon written notification to the other signatories. This MOA may be terminated in its entirety upon agreement by all signatory parties upon sixty (60) calendar days following notice, unless a later date is set forth.

This MOA shall be null and void if its terms are not carried out prior to reclamation of the Project being completed.

XIV. SCOPE OF THE MOA

This MOA is limited in scope to actions that will facilitate the reactivation/operation of the Haile Gold Mine and is entered into solely for that purpose.

SIGNATORY PARTIES

HAILE GOLD MINE, INC.

By _____ Date _____

SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICER

By _____ Date _____

U.S. ARMY CORPS OF ENGINEERS

By _____ Date _____

INVITED SIGNATORY PARTIES

ADVISORY COUNCIL ON HISTORIC PRESERVATION

By _____ Date _____

CONCURRING SIGNATORY PARTIES

CATAWBA INDIAN NATION

By _____ Date _____

DRAFT FINAL
UNANTICIPATED DISCOVERY PLAN
HAILE GOLD MINE
LANCASTER COUNTY, SOUTH CAROLINA
(USACE Permit No. SAC 1992-24112-4IA)

Discovery of Archaeological and Historic Resources

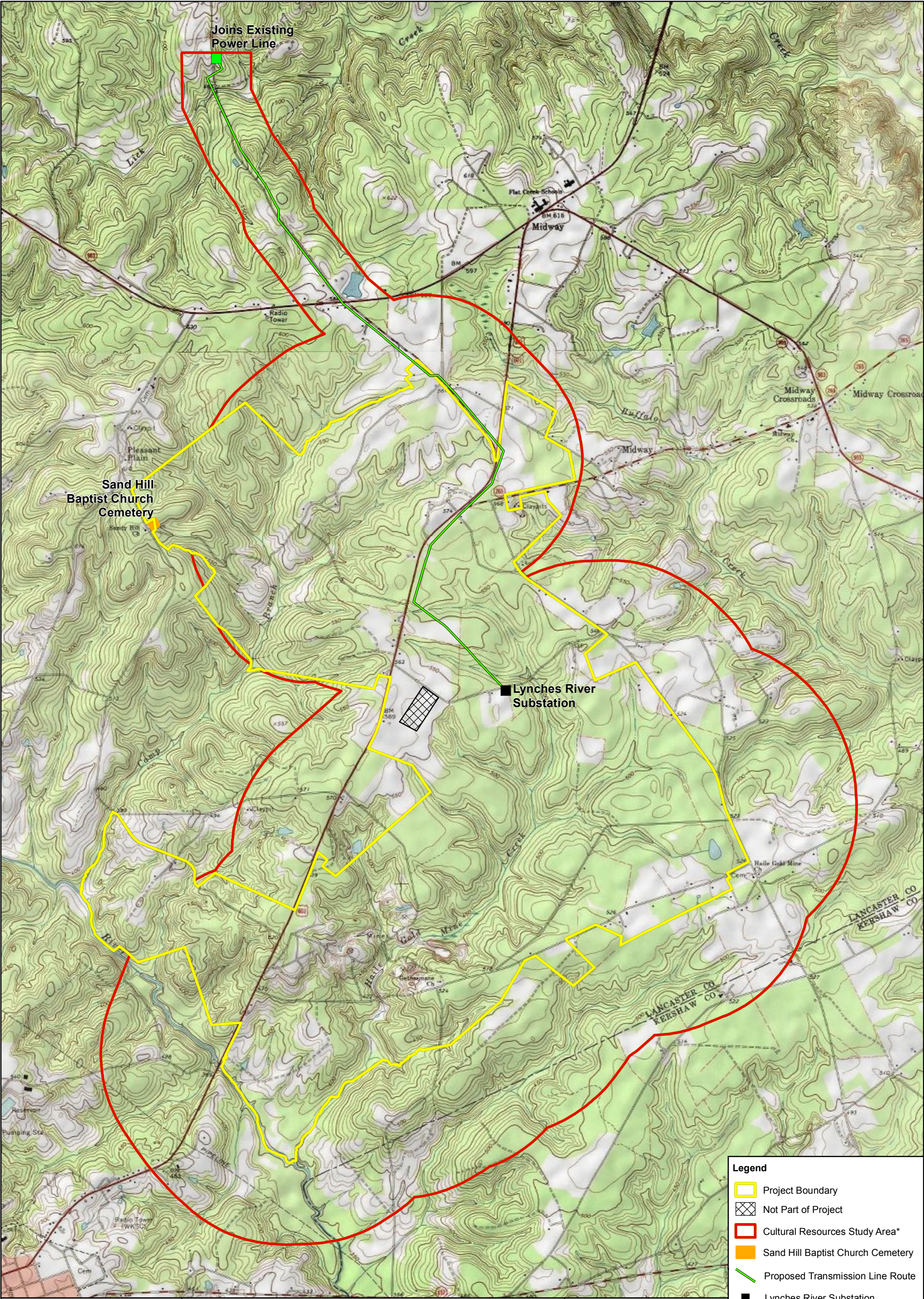
Although the majority of the Haile Gold Mine (Mine) has been surveyed, unanticipated discoveries of cultural resources are possible within the Project boundary. The most common types of discoveries include small, deeply buried, and/or widely dispersed archaeological sites. The likelihood of discovery of historic resources is low given the intensive survey already conducted within the Project boundary.

Haile Gold Mine, Inc. (Haile), and its contractor supervisors will be trained by cultural resource specialists who meet the Secretary of Interior standards for archaeology and architectural history, as appropriate, on how to recognize previously unidentified cultural resources and the procedures to follow if such resources are discovered. Haile or the contractor supervisors will educate site workers to aid in the recognition of cultural resources, as appropriate.

In the event of an unanticipated discovery during reactivation and operation of the Haile Gold Mine, Haile will comply with the South Carolina Code of Laws 48-20-40, Mining Act; and 16-11-780, Prohibition on Entering Certain Lands to Discovery, Uncover, Move, Remove, or Attempt to Remove Archaeological Resources. In addition, 33 CFR 325 Appendix C and Section 106 of the National Historic Preservation Act (NHPA) shall also be followed. The following guidelines will apply:

- A. The on-site supervisor will stop all ground disturbing activity within a fifty (50) foot buffer around the discovery and will immediately contact the Haile site manager.
- B. The site manager will ensure that no ground disturbing activity occurs within the buffer until otherwise notified. If necessary, protective barriers will be placed around the discovery.
- C. Haile shall notify the U.S. Army Corps of Engineers (USACE) within twenty-four (24) hours by email or phone.
- D. Haile, in consultation with USACE, will arrange for an archaeologist with appropriate expertise to document and preliminarily assess the finding and formulate a recommendation regarding whether the discovery is eligible for the NRHP and merits

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Legend

Project Boundary

Not Part of Project

Cultural Resources Study Area*

Sand Hill Baptist Church Cemetery

Proposed Transmission Line Route

Lynches River Substation

Joins Existing Power Line

County Boundary

*This map is a conceptual representation of the APE and does not reflect an accurate to-scale drawing of the 1000' distance from the northern section of the transmission line




Haile Gold Mine
Environmental Impact Statement
www.HaileGoldMineEIS.com

Cultural Resources Study Area

Attachment C

01,0002,000 Feet

0300600 Meters



Coordinate System:
NAD 1983 State Plane feet

Sources: ESRI USA Topo Maps 2012,
Haile 2012.

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Attachment D: List of Indian Tribes and Agencies Invited by USACE to Participate in Consultation

INDIAN TRIBES AND AGENCIES INVITED TO PARTICIPATE IN CONSULTATION	
Indian Tribes	
1	Absentee Shawnee Tribe of Oklahoma
2	Catawba Indian Nation
3	Cherokee Nation of Oklahoma
4	Chickasaw Nation
5	Choctaw Nation of Oklahoma
6	Eastern Band of Cherokee Indians of North Carolina
7	Eastern Shawnee of Oklahoma
8	Georgia Tribe of Eastern Cherokee
9	Jena Band of Choctaw Indians
10	Miccosukee Tribe of Indians of Florida
11	Muscogee Creek Nation
12	Seminole Nation of Oklahoma
13	Seminole Tribe of Florida
14	Shawnee Tribe
15	Thlopthlocco Tribal Town
16	Tuscarora Nation of New York
17	United Keetowah Band of Cherokee Indians in Oklahoma
Agencies	
1	Advisory Council on Historic Preservation
2	South Carolina Department of Health and Environmental Control
3	South Carolina Department of Archives and History - State Historic Preservation Office
4	U.S. Environmental Protection Agency

further consideration. The archaeologist shall prepare the documentation and conduct the assessment in accordance with the NRHP criteria for evaluation by the USACE and State Historic Preservation Officer (SHPO). The assessment shall address the following factors:

1. The nature of the resource, such as the number and kinds of artifacts, and presence or absence of archaeological features. This may require screening of already disturbed deposits, photographs of the discovery, and collection of other information.
 2. The spatial extent of the resource. This may require additional testing, mapping, or inspection to delineate the boundaries of the site. Boundary delineation should not take the place of formal site testing.
 3. The nature of the deposits in which the discovery was made. This may require additional testing, inspection, or interviews with persons involved in the discovery.
 4. The contextual integrity of the resource, damage related to the initial discovery, and potential impacts of the continued activity that resulted in the discovery.
- E. USACE shall notify the SHPO and Catawba Indian Nation within forty-eight (48) hours that it will take comments concerning the unanticipated discovery. A NRHP eligibility determination will be made within seven (7) calendar days following notification, after considering the timely filed views of the SHPO and Catawba Indian Nation. Where a resource is determined not to be eligible, Haile may resume the activity that resulted in the discovery with written authorization from the USACE to Haile. Email correspondence from the USACE to Haile can constitute written authorization. Written authorization will be transmitted to Haile by the USACE on the same day the resource is determined not eligible.
- F. For properties determined eligible or unevaluated, USACE will review the Cultural Resources Management Plan (CRMP) to identify applicable actions to resolve adverse effects and will notify the SHPO and Catawba Indian Nation.
- G. The SHPO and Catawba Indian Nation will have forty-eight (48) hours to provide their views on the proposed actions.
- H. The USACE will ensure that the timely filed recommendations of the SHPO and Catawba Indian Nation are taken into account prior to granting approval of the measures that Haile will implement to resolve adverse effects.

Memorandum of Agreement Attachment B

- I. Consistent with the terms of this Agreement, Haile will comply with the approved measures prior to resuming operations and/or maintenance activities in the location of the discovery.

Discovery of Human Remains, Funerary Objects, and Objects of Cultural Patrimony

The unanticipated discoveries of human remains, funerary objects, and objects of cultural patrimony are possible within the Haile Gold Mine Project area. The most common types of discoveries include unmarked precontact burials and historic cemeteries. Training of appropriate Haile personnel and its contractor supervisors, as discussed in the MOA, will also include training on how to recognize human remains, funerary objects, and objects of cultural patrimony.

If such discovery occurs, Haile will comply with the South Carolina Code of Laws 27-43-10, Removal of Abandoned Cemeteries; 27-43-20, Removal to Plot Agreeable to Governing Body and Relatives; 27-43-30, Supervision of Removal Work; 27-43-40, Evidence of Abandonment; 6-1-35, Preservation and Protection of Cemeteries; and 16-17-600, Destruction of Graves and Graveyards. The Advisory Council on Historic Preservation (ACHP) Policy Statement Regarding the Treatment of Burial Sites, Human Remains, and Funerary Objects (February 23, 2007) shall also be followed. The following guidelines will apply:

- A. Upon encountering an unmarked burial grave or unregistered grave during operations and/or maintenance activities, the on-site supervisor will be immediately notified. Haile will immediately stop work within a one-hundred (100) foot radius of the point of discovery. The on-site supervisor will immediately contact the Haile site manager.
- B. The site manager will implement interim measures to protect the discovery from vandalism and looting, but must not remove or otherwise disturb any human remains or other items in the immediate vicinity of the discovery.
- C. Haile will notify USACE and local law enforcement within twenty-four (24) hours of the discovery. The local law enforcement will notify the Medical Examiner, if necessary. USACE will notify the SHPO, State Archaeologist, and Catawba Indian Nation within twenty-four (24) hours of notification.
- D. USACE, in consultation with the SHPO, will determine the treatment, including mitigation and disposition of the unmarked human burial or unregistered grave in consultation with Haile.
- E. If it is determined that the human remains are associated with an Indian tribe, USACE and SHPO will consult with the affected tribes prior to and during the development and execution of the treatment plan.
- F. Haile will implement the treatment and disposition measures deemed appropriate by the USACE and SHPO. If excavation is planned, a consultant who meets the requirements of the SHPO will be retained by Haile.

Memorandum of Agreement Attachment B

- G. Haile will resume operations and/or maintenance in the area of discovery upon receipt of written authorization from either the Medical Examiner or the USACE in consultation with the SHPO, whoever has jurisdiction under state law. Such written authorization will be issued as promptly as possible.

Contact Information

Haile Site Manager	803.475.1220
USACE, Charleston District	843.329.8000
South Carolina SHPO	803.896.6185 (director) 803.896.6181 (archaeology)
Office of State Archaeologist	803.576.6560
Catawba Indian Nation	803.328.2427
Thlopthlocco Tribal Town	405.220.2185

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